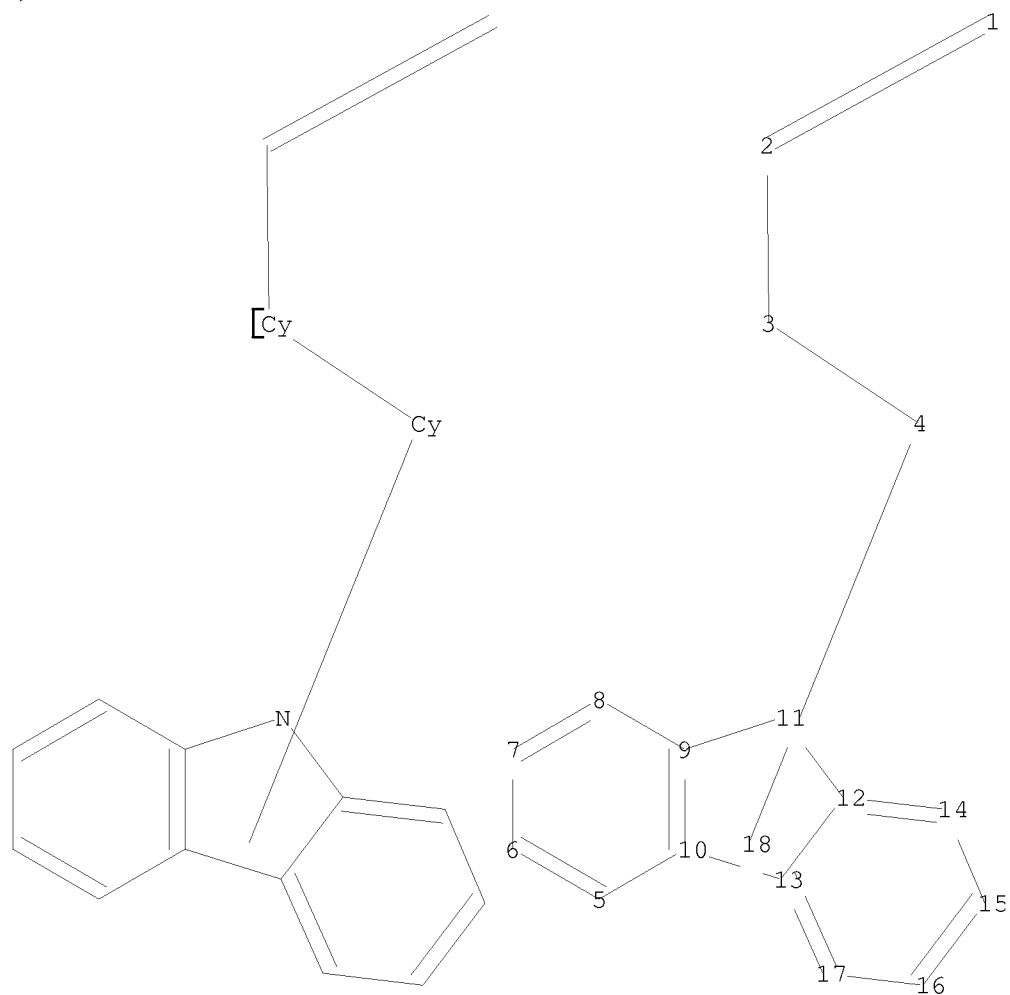


=>



chain nodes :

1 2 3 4

ring nodes :

5 6 7 8 9 10 11 12 13 14 15 16 17

chain bonds :

1-2 2-3 3-4

ring bonds :

5-6 5-10 6-7 7-8 8-9 9-10 9-11 10-13 11-12 12-13 12-14 13-17 14-15 15-16 16-17

exact/norm bonds :

2-3 3-4

exact bonds :

1-2

normalized bonds :

5-6 5-10 6-7 7-8 8-9 9-10 9-11 10-13 11-12 12-13 12-14 13-17 14-15 15-16 16-17

Match level :

1:CLASS 2:CLASS 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom 12:Atom 13:Atom 14:Atom
15:Atom 16:Atom 17:Atom 18:Atom

L1 STRUCTURE UPLOADED

=> s l1 sss sam
SAMPLE SEARCH INITIATED 11:00:57 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 331 TO ITERATE

100.0% PROCESSED 331 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
PROJECTED ITERATIONS: 5529 TO 7711
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 sss full
FULL SEARCH INITIATED 11:01:01 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 6632 TO ITERATE

100.0% PROCESSED 6632 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

L3 0 SEA SSS FUL L1

=>

Connecting via Winsock to STN

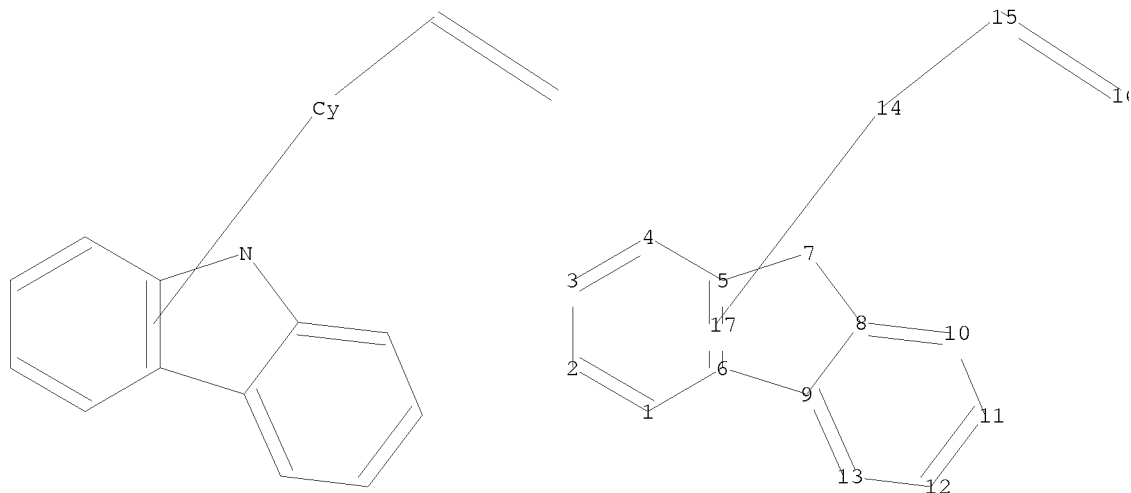
Welcome to STN International! Enter x:X

LOGINID:SSPTAMEN1774

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

=>



chain nodes :

```

14 15 16

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13

chain bonds :

14-15 15-16

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 8-10 9-13 10-11 11-12 12-13

exact/norm bonds :

14-15

exact bonds :

15-16

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 8-10 9-13 10-11 11-12 12-13

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom 12:Atom 13:Atom 14:Atom
15:CLASS 16:CLASS 17:Atom

```

L1 STRUCTURE UPLOADED

```

=> s l1 sss sam
SAMPLE SEARCH INITIATED 14:49:33 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -       334 TO ITERATE

100.0% PROCESSED       334 ITERATIONS                   0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE   **COMPLETE**
                          BATCH   **COMPLETE**
PROJECTED ITERATIONS:       5584 TO       7776
PROJECTED ANSWERS:           0 TO       0

```

L2 0 SEA SSS SAM L1

```

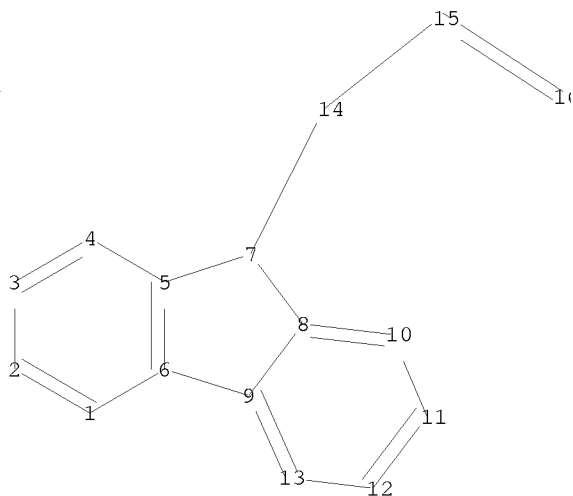
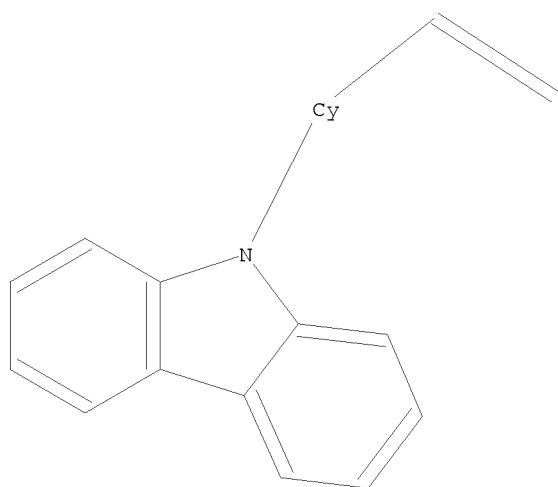
=> s l1 sss full
FULL SEARCH INITIATED 14:49:38 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -       6665 TO ITERATE

100.0% PROCESSED       6665 ITERATIONS                   0 ANSWERS
SEARCH TIME: 00.00.01

```

L3 0 SEA SSS FUL L1

=>



chain nodes :

14 15 16

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13

chain bonds :

7-14 14-15 15-16

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 8-10 9-13 10-11 11-12 12-13

exact/norm bonds :

5-7 6-9 7-8 7-14 14-15

exact bonds :

15-16

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 8-9 8-10 9-13 10-11 11-12 12-13

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom 12:Atom 13:Atom 14:Atom 15:CLASS 16:CLASS

L4 STRUCTURE UPLOADED

=> s l4 sss sam

SAMPLE SEARCH INITIATED 14:54:09 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 4940 TO ITERATE

40.5% PROCESSED 2000 ITERATIONS

6 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 94586 TO 103014

PROJECTED ANSWERS: 66 TO 526

L5 6 SEA SSS SAM L4

=> s 14 sss full
FULL SEARCH INITIATED 14:54:21 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 99519 TO ITERATE

100.0% PROCESSED 99519 ITERATIONS 245 ANSWERS
SEARCH TIME: 00.00.01

L6 245 SEA SSS FUL L4

=> s 16
L7 160 L6

=> s 17 and patent/dt
6281029 PATENT/DT
L8 91 L7 AND PATENT/DT

=> s 18 and py<=2004
25089556 PY<=2004
L9 53 L8 AND PY<=2004

=> d 19 40-53 ibib hitstr

L9 ANSWER 40 OF 53 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Electrophotographic photoreceptors using styryl compound as charge-transporting agent

Author/Inventor

Kikuchi, Norihiro; Kanamaru, Tetsuo

Patent Assignee/Corporate Source

Canon K. K., Japan

Source

Jpn. Kokai Tokkyo Koho, 15 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 02097960	A	19900410	JP 1988-251468	19881004

Patent Number (1)

JP 02097960

Kind Code (1)

A

Patent Publication Date (1)

19900410

Application Number (1)

JP 1988-251468

Application Date (1)

19881004

Priority Patent Number (1)

JP 1988-251468

Priority Patent Publication Date (1)

19881004

L9 ANSWER 41 OF 53 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Vinyl monomer compositions and the manufacture of polymers with high refractive index

Author/Inventor

Matsuoka, Shingo; Amano, Masahiro; Kida, Yasuji

Patent Assignee/Corporate Source

Tokuyama Soda Co., Ltd., Japan

Source

Jpn. Kokai Tokkyo Koho, 7 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 02029401	A	19900131	JP 1988-178184	19880719

Patent Number (1)
JP 02029401
Kind Code (1)
A
Patent Publication Date (1)
19900131
Application Number (1)
JP 1988-178184
Application Date (1)
19880719
Priority Patent Number (1)
JP 1988-178184
Priority Patent Publication Date (1)
19880719

L9 ANSWER 42 OF 53 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Electrophotographic photoreceptors containing a hydrazone charge-transporting agent

Author/Inventor

Kuroda, Masami; Nakamura, Yoichi; Kosho, Noboru

Patent Assignee/Corporate Source

Fuji Electric Co., Ltd., Japan

Source

Jpn. Kokai Tokkyo Koho, 7 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
<u>JP 01172967</u>	<u>A</u>	<u>19890707</u>	<u>JP 1987-332369</u>	<u>19871228</u>

Patent Number (1)
JP 01172967
Kind Code (1)
A
Patent Publication Date (1)
19890707
Application Number (1)
JP 1987-332369
Application Date (1)
19871228
Priority Patent Number (1)
JP 1987-332369
Priority Patent Publication Date (1)
19871228

L9 ANSWER 43 OF 53 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Electrophotographic photoreceptors containing hydrazone charge-transporting agents

Author/Inventor

Kuroda, Masami; Nakamura, Yoichi; Kosho, Noboru

Patent Assignee/Corporate Source

Fuji Electric Co., Ltd., Japan

Source

Jpn. Kokai Tokkyo Koho, 8 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
<u>JP 01159658</u>	<u>A</u>	<u>19890622</u>	<u>JP 1987-317767</u>	<u>19871216</u>

Patent Number (1)
JP 01159658
Kind Code (1)
A
Patent Publication Date (1)
19890622
Application Number (1)

JP 1987-317767
Application Date (1)
19871216
Priority Patent Number (1)
JP 1987-317767
Priority Patent Publication Date (1)
19871216

L9 ANSWER 44 OF 53 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Electrophotographic photoreceptor containing stilbene derivative

Author/Inventor

Goto, Satoshi; Sasaki, Osamu; Suzuki, Shinichi

Patent Assignee/Corporate Source

Konica Co., Japan

Source

Jpn. Kokai Tokkyo Koho, 11 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
<u>JP 63271459</u>	<u>A</u>	<u>19881109</u>	<u>JP 1987-108204</u>	<u>19870430</u>

Patent Number (1)

JP 63271459

Kind Code (1)

A

Patent Publication Date (1)

19881109

Application Number (1)

JP 1987-108204

Application Date (1)

19870430

Priority Patent Number (1)

JP 1987-108204

Priority Patent Publication Date (1)

19870430

L9 ANSWER 45 OF 53 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Electrophotographic photoreceptors containing charge-transporting hydrazone derivatives

Author/Inventor

Miyazaki, Hajime; Kikuchi, Norihiro; Takiguchi, Takao; Matsumoto, Masakazu

Patent Assignee/Corporate Source

Canon K. K., Japan

Source

Jpn. Kokai Tokkyo Koho, 16 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
<u>JP 63292141</u>	<u>A</u>	<u>19881129</u>	<u>JP 1987-126909</u>	<u>19870526</u>

Patent Number (1)

JP 63292141

Kind Code (1)

A

Patent Publication Date (1)

19881129

Application Number (1)

JP 1987-126909

Application Date (1)

19870526

Priority Patent Number (1)

JP 1987-126909

Priority Patent Publication Date (1)

19870526

L9 ANSWER 46 OF 53 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Electrophotographic photoreceptors containing charge-transporting stilbene derivatives

Author/Inventor

Miyazaki, Hajime; Kikuchi, Norihiro; Takiguchi, Takao; Matsumoto, Masakazu

Patent Assignee/Corporate Source

Canon K. K., Japan

Source

Jpn. Kokai Tokkyo Koho, 16 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 63292137	A	19881129	JP 1987-126908	19870526

Patent Number (1)

JP 63292137

Kind Code (1)

A

Patent Publication Date (1)

19881129

Application Number (1)

JP 1987-126908

Application Date (1)

19870526

Priority Patent Number (1)

JP 1987-126908

Priority Patent Publication Date (1)

19870526

L9 ANSWER 47 OF 53 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Electrophotographic photoreceptor containing azo compound as charge-generating material

Author/Inventor

Takai, Hideyuki; Kashizaki, Yoshiro

Patent Assignee/Corporate Source

Canon K. K., Japan

Source

Jpn. Kokai Tokkyo Koho, 23 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 63163365	A	19880706	JP 1986-310014	19861225

Patent Number (1)

JP 63163365

Kind Code (1)

A

Patent Publication Date (1)

19880706

Application Number (1)

JP 1986-310014

Application Date (1)

19861225

Priority Patent Number (1)

JP 1986-310014

Priority Patent Publication Date (1)

19861225

L9 ANSWER 48 OF 53 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Electrophotographic photoreceptor with charge-carrier layer containing azo dye

Author/Inventor

Umehara, Shoji; Kashizaki, Yoshio

Patent Assignee/Corporate Source

Canon K. K., Japan

Source

Ger. Offen., 60 pp. CODEN: GWXXBX

Document Type

Patent

Language

German

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 3740730	A1	19880609	DE 1987-3740730	19871201

Patent Number (1)

DE 3740730

Kind Code (1)

A1

Patent Publication Date (1)

19880609

Application Number (1)

DE 1987-3740730

Application Date (1)

19871201

Priority Patent Number (1)

JP 1986-286712

Priority Kind Code (1)

A

Priority Patent Publication Date (1)

19861203

L9 ANSWER 49 OF 53 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Laminated electrophotographic photoreceptor containing charge-transport dicarbazole derivatives

Author/Inventor

Matsumoto, Masakazu; Takiguchi, Takao; Kikuchi, Norihiro

Patent Assignee/Corporate Source

Canon K. K., Japan

Source

Jpn. Kokai Tokkyo Koho, 22 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 63013047	A	19880120	JP 1986-155958	19860704

Patent Number (1)

JP 63013047

Kind Code (1)

A

Patent Publication Date (1)

19880120

Application Number (1)

JP 1986-155958

Application Date (1)

19860704

Priority Patent Number (1)

JP 1986-155958

Priority Patent Publication Date (1)

19860704

L9 ANSWER 50 OF 53 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Electrophotographic photoreceptors

Author/Inventor

Shoji, Masayuki

Patent Assignee/Corporate Source

Ricoh Co., Ltd., Japan

Source

Jpn. Kokai Tokkyo Koho, 12 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 62066258	A	19870325	JP 1985-207432	19850918

Patent Number (1)

JP 62066258

Kind Code (1)

A

Patent Publication Date (1)

19870325

Application Number (1)

JP 1985-207432

Application Date (1)

19850918

Priority Patent Number (1)

JP 1985-207432

Priority Patent Publication Date (1)

19850918

L9 ANSWER 51 OF 53 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Carbazole compounds as photoconductor for electrophotography

Author/Inventor

Shoji, Masayuki

Patent Assignee/Corporate Source

Ricoh Co., Ltd., Japan

Source

Jpn. Kokai Tokkyo Koho, 5 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 62063565	A	19870320	JP 1985-203158	19850913

Patent Number (1)

JP 62063565

Kind Code (1)

A

Patent Publication Date (1)

19870320

Application Number (1)

JP 1985-203158

Application Date (1)

19850913

Priority Patent Number (1)

JP 1985-203158

Priority Patent Publication Date (1)

19850913

L9 ANSWER 52 OF 53 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Photocrosslinkable compositions

Author/Inventor

Oguchi, Yoshihiro; Katagiri, Kazuharu

Patent Assignee/Corporate Source

Canon K. K., Japan

Source

Jpn. Kokai Tokkyo Koho, 20 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 61262737	A	19861120	JP 1985-103873	19850517

Patent Number (1)

JP 61262737

Kind Code (1)

A
Patent Publication Date (1)
19861120
Application Number (1)
JP 1985-103873
Application Date (1)
19850517
Priority Patent Number (1)
JP 1985-103873
Priority Patent Publication Date (1)
19850517

L9 ANSWER 53 OF 53 CAPLUS COPYRIGHT 2008 ACS on STN
Title

N-(p-Vinylphenyl) carbazole
Author/Inventor
Nakamura, Yasuyoshi; Emoto, Takeo; Nagasawa, Hideo
Patent Assignee/Corporate Source
Sankyo Kagaku K. K.

Source
Jpn. Kokai Tokkyo Koho, 3 pp. CODEN: JKXXAF

Document Type
Patent

Language
Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
<u>JP 49026277</u>	<u>A</u>	<u>19740308</u>	<u>JP 1972-69408</u>	<u>19720711</u>

Patent Number (1)
JP 49026277
Kind Code (1)
A
Patent Publication Date (1)
19740308
Application Number (1)
JP 1972-69408
Application Date (1)
19720711
Priority Patent Number (1)
JP 1972-69408
Priority Kind Code (1)
A
Priority Patent Publication Date (1)
19720711

=> d 19 20-39 ibib hitstr

L9 ANSWER 20 OF 53 CAPLUS COPYRIGHT 2008 ACS on STN
Title

Hole transporting vinyl polymers for organic electroluminescent (EL) devices with long life and low initial voltage
Author/Inventor
Sakakibara, Mitsuhiko
Patent Assignee/Corporate Source
JSR Ltd., Japan

Source
Jpn. Kokai Tokkyo Koho, 18 pp. CODEN: JKXXAF

Document Type
Patent

Language
Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
<u>JP 2002037817</u>	<u>A</u>	<u>20020206</u>	<u>JP 2000-228928</u>	<u>20000728</u>

Patent Number (1)
JP 2002037817
Kind Code (1)
A
Patent Publication Date (1)
20020206
Application Number (1)

JP 2000-228928
Application Date (1)
20000728
Priority Patent Number (1)
JP 2000-228928
Priority Patent Publication Date (1)
20000728

L9 ANSWER 21 OF 53 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Organic thin film luminescent component and fluorescent material

Author/Inventor

Ito, Yuichi; Shimizu, Shigeji; Sakaki, Yuichi; Yoshida, Hiroshi

Patent Assignee/Corporate Source

Toppan Printing Co., Ltd., Japan

Source

Jpn. Kokai Tokkyo Koho, 10 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001115154	A	20010424	JP 1999-300875	19991022

Patent Number (1)

JP 2001115154

Kind Code (1)

A

Patent Publication Date (1)

20010424

Application Number (1)

JP 1999-300875

Application Date (1)

19991022

Priority Patent Number (1)

JP 1999-300875

Priority Patent Publication Date (1)

19991022

L9 ANSWER 22 OF 53 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Multilayer organic electroluminescent devices using carbazole derivatives and their manufacture

Author/Inventor

Nakaya, Tadao; Yamauchi, Takao; Konishi, Takanori

Patent Assignee/Corporate Source

Taiho Kogyo Co., Ltd., Japan

Source

Jpn. Kokai Tokkyo Koho, 32 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 11329737	A	19991130	JP 1998-260328	19980914

Patent Number (1)

JP 11329737

Kind Code (1)

A

Patent Publication Date (1)

19991130

Application Number (1)

JP 1998-260328

Application Date (1)

19980914

Priority Patent Number (1)

JP 1998-63370

Priority Kind Code (1)

A

Priority Patent Publication Date (1)

19980313

L9 ANSWER 23 OF 53 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Organic electroluminescent device

Author/Inventor

Ishikawa, Hitoshi; Higashiguchi, Itaru; Oda, Atsushi

Patent Assignee/Corporate Source

NEC Corp., Japan

Source

Jpn. Kokai Tokkyo Koho, 30 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 11074079	A	19990316	JP 1998-148778	19980529

Patent Number (1)

JP 11074079

Kind Code (1)

A

Patent Publication Date (1)

19990316

Application Number (1)

JP 1998-148778

Application Date (1)

19980529

Priority Patent Number (1)

JP 1997-163586

Priority Kind Code (1)

A

Priority Patent Publication Date (1)

19970620

L9 ANSWER 24 OF 53 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Organic electroluminescent device used as planar light source in optical displays

Author/Inventor

Okutsu, Akira; Tamano, Michiko; Onikubo, Shunichi; Enokida, Toshio

Patent Assignee/Corporate Source

Toyo Ink Mfg. Co., Ltd., Japan

Source

Jpn. Kokai Tokkyo Koho, 27 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 11040359	A	19990212	JP 1997-195294	19970722

Patent Number (1)

JP 11040359

Kind Code (1)

A

Patent Publication Date (1)

19990212

Application Number (1)

JP 1997-195294

Application Date (1)

19970722

Priority Patent Number (1)

JP 1997-195294

Priority Patent Publication Date (1)

19970722

L9 ANSWER 25 OF 53 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Organic electroluminescent material containing anthracene derivative

Author/Inventor
Okutsu, Satoshi; Tamano, Michiko; Onikubo, Shunichi; Enokida, Toshio
Patent Assignee/Corporate Source
Toyo Ink Mfg. Co., Ltd., Japan
Source

Jpn. Kokai Tokkyo Koho, 36 pp. CODEN: JKXXAF

Document Type
Patent

Language
Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 11008068	A	19990112	JP 1997-161418	19970618

Patent Number (1)

JP 11008068

Kind Code (1)

A

Patent Publication Date (1)

19990112

Application Number (1)

JP 1997-161418

Application Date (1)

19970618

Priority Patent Number (1)

JP 1997-161418

Priority Patent Publication Date (1)

19970618

L9 ANSWER 26 OF 53 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Electrophotographic photoreceptor containing azo pigments and process cartridge and electrophotographic apparatus possessing the same

Author/Inventor

Tanaka, Masato; Takai, Hideyuki

Patent Assignee/Corporate Source

Canon K. K., Japan

Source

Jpn. Kokai Tokkyo Koho, 39 pp. CODEN: JKXXAF

Document Type
Patent

Language
Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 09090655	A	19970404	JP 1995-266154	19950921

Patent Number (1)

JP 09090655

Kind Code (1)

A

Patent Publication Date (1)

19970404

Application Number (1)

JP 1995-266154

Application Date (1)

19950921

Priority Patent Number (1)

JP 1995-266154

Priority Patent Publication Date (1)

19950921

L9 ANSWER 27 OF 53 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Electrophotographic photoreceptor

Author/Inventor

Ono, Hitoshi; Saita, Atsuo

Patent Assignee/Corporate Source

Mitsubishi Kasei Corp., Japan

Source

U.S., 57 pp. Cont.-in-part of U.S. Ser. No. 953,848, abandoned. CODEN: USXXAM

Document Type

Patent

Language

English

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5389480	A	19950214	US 1993-154445	19931119

Patent Number (1)

US 5389480

Kind Code (1)

A

Patent Publication Date (1)

19950214

Application Number (1)

US 1993-154445

Application Date (1)

19931119

Priority Patent Number (1)

JP 1991-255341

Priority Kind Code (1)

A

Priority Patent Publication Date (1)

19911002

L9 ANSWER 28 OF 53 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Heterocycle-containing alkylpyrenes as electronic materials and their preparation

Author/Inventor

Adachi, Hiroshi; Sasaki, Masaomi; Ariga, Tamotsu; Shimada, Tomoyuki

Patent Assignee/Corporate Source

Ricoh Kk, Japan

Source

Jpn. Kokai Tokkyo Koho, 11 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 05201973	A	19930810	JP 1992-57180	19920207

Patent Number (1)

JP 05201973

Kind Code (1)

A

Patent Publication Date (1)

19930810

Application Number (1)

JP 1992-57180

Application Date (1)

19920207

Priority Patent Number (1)

JP 1991-337675

Priority Kind Code (1)

A1

Priority Patent Publication Date (1)

19911127

L9 ANSWER 29 OF 53 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Electrophotographic photoreceptor

Author/Inventor

Ono, Hitoshi; Saita, Atsuo

Patent Assignee/Corporate Source

Mitsubishi Kasei Corp., Japan

Source

Eur. Pat. Appl., 71 pp. CODEN: EPXXDW

Document Type

Patent

Language

English

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 535672	A2	19930407	EP 1992-116822	19921001

Patent Number (1)
EP 535672
Kind Code (1)
A2
Patent Publication Date (1)
19930407
Application Number (1)
EP 1992-116822
Application Date (1)
19921001
Priority Patent Number (1)
JP 1991-255342
Priority Kind Code (1)
A
Priority Patent Publication Date (1)
19911002

L9 ANSWER 30 OF 53 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Preparation of distyryl compounds and electrophotographic photoreceptors using them as charge-transporting agents

Author/Inventor

Ueda, Hideaki

Patent Assignee/Corporate Source

Minolta Camera Co., Ltd., Japan

Source

Jpn. Kokai Tokkyo Koho, 23 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 04319957	A	19921110	JP 1991-88534	19910419

Patent Number (1)
JP 04319957
Kind Code (1)
A
Patent Publication Date (1)
19921110
Application Number (1)
JP 1991-88534
Application Date (1)
19910419
Priority Patent Number (1)
JP 1991-88534
Priority Patent Publication Date (1)
19910419

L9 ANSWER 31 OF 53 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Preparation of hydroxycarbazoles as electrophotographic sensitizers.

Author/Inventor

Morishita, Hironobu; Sakamoto, Hideji; Kawasaki, Nobuo

Patent Assignee/Corporate Source

Idemitsu Kosan Co, Japan

Source

Jpn. Kokai Tokkyo Koho, 12 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 05032625	A	19930209	JP 1991-214188	19910801

Patent Number (1)
JP 05032625

Kind Code (1)
A
Patent Publication Date (1)
19930209
Application Number (1)
JP 1991-214188
Application Date (1)
19910801
Priority Patent Number (1)
JP 1991-214188
Priority Patent Publication Date (1)
19910801

L9 ANSWER 32 OF 53 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Preparation of charge-generating (heteroarylvinyl)pyrenes for electrophotographic photoreceptors.

Author/Inventor

Adachi, Hiroshi; Sasaki, Masaomi; Ariga, Tamotsu; Shimada, Tomoyuki

Patent Assignee/Corporate Source

Ricoh Co., Ltd., Japan

Source

Jpn. Kokai Tokkyo Koho, 30 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
<u>JP 05004965</u>	<u>A</u>	<u>19930114</u>	<u>JP 1991-188187</u>	<u>19910702</u>

Patent Number (1)

JP 05004965

Kind Code (1)

A

Patent Publication Date (1)

19930114

Application Number (1)

JP 1991-188187

Application Date (1)

19910702

Priority Patent Number (1)

JP 1990-314843

Priority Kind Code (1)

A1

Priority Patent Publication Date (1)

19901120

L9 ANSWER 33 OF 53 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Preparation of hydrazones and electrophotographic photoreceptors using them

Author/Inventor

Hanatani, Yasuyuki; Iwasaki, Hiroaki

Patent Assignee/Corporate Source

Mita Industrial Co., Ltd., Japan

Source

Jpn. Kokai Tokkyo Koho, 12 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
<u>JP 04288055</u>	<u>A</u>	<u>19921013</u>	<u>JP 1991-51662</u>	<u>19910315</u>

Patent Number (1)

JP 04288055

Kind Code (1)

A

Patent Publication Date (1)

19921013

Application Number (1)

JP 1991-51662

Application Date (1)
19910315
Priority Patent Number (1)
JP 1991-51662
Priority Patent Publication Date (1)
19910315

L9 ANSWER 34 OF 53 CAPLUS COPYRIGHT 2008 ACS on STN
Title

Electrophotographic photoreceptor
Author/Inventor
Okada, Shinichi; Takenochi, Osamu; Harada, Hiroshi
Patent Assignee/Corporate Source
Dainippon Inki Kagaku Kogyo K. K., Japan
Source
Jpn. Kokai Tokkyo Koho, 12 pp. CODEN: JKXXAF
Document Type
Patent
Language
Japanese
Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 04058254	A	19920225	JP 1990-168457	19900628

Patent Number (1)
JP 04058254
Kind Code (1)
A
Patent Publication Date (1)
19920225
Application Number (1)
JP 1990-168457
Application Date (1)
19900628
Priority Patent Number (1)
JP 1990-168457
Priority Patent Publication Date (1)
19900628

L9 ANSWER 35 OF 53 CAPLUS COPYRIGHT 2008 ACS on STN
Title

Organic electroluminescent device
Author/Inventor
Ota, Masabumi; Onuma, Teruyuki; Kawamura, Fumio; Sakon, Hirota; Takahashi, Toshihiko
Patent Assignee/Corporate Source
Ricoh Co., Ltd., Japan
Source
Jpn. Kokai Tokkyo Koho, 9 pp. CODEN: JKXXAF
Document Type
Patent
Language
Japanese
Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 03200889	A	19910902	JP 1990-49796	19900228

Patent Number (1)
JP 03200889
Kind Code (1)
A
Patent Publication Date (1)
19910902
Application Number (1)
JP 1990-49796
Application Date (1)
19900228
Priority Patent Number (1)
JP 1989-168826
Priority Kind Code (1)
A1
Priority Patent Publication Date (1)
19890630

L9 ANSWER 36 OF 53 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Electrophotographic photoreceptor using tetravinylbenzene derivative carrier-transporting agent

Author/Inventor

Hayata, Hirofumi; Sasaki, Osamu; Suzuki, Shinichi

Patent Assignee/Corporate Source

Konica Co., Japan

Source

Jpn. Kokai Tokkyo Koho, 13 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 03073956	A	19910328	JP 1990-47016	19900227

Patent Number (1)

JP 03073956

Kind Code (1)

A

Patent Publication Date (1)

19910328

Application Number (1)

JP 1990-47016

Application Date (1)

19900227

Priority Patent Number (1)

JP 1989-139605

Priority Kind Code (1)

A1

Priority Patent Publication Date (1)

19890531

L9 ANSWER 37 OF 53 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Electrophotographic photoreceptor using azo pigment as charge-generating agent

Author/Inventor

Miyaji, Toshie; Matsumoto, Masakazu

Patent Assignee/Corporate Source

Canon K. K., Japan

Source

Jpn. Kokai Tokkyo Koho, 12 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 03031851	A	19910212	JP 1989-165193	19890629

Patent Number (1)

JP 03031851

Kind Code (1)

A

Patent Publication Date (1)

19910212

Application Number (1)

JP 1989-165193

Application Date (1)

19890629

Priority Patent Number (1)

JP 1989-165193

Priority Patent Publication Date (1)

19890629

L9 ANSWER 38 OF 53 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Electrophotographic photoreceptor containing charge-transporting hydrazone

Author/Inventor

Ueda, Hideaki
Patent Assignee/Corporate Source
Minolta Camera Co., Ltd., Japan
Source
Jpn. Kokai Tokkyo Koho, 11 pp. CODEN: JKXXAF
Document Type
Patent
Language
Japanese
Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
<u>JP 02210453</u>	<u>A</u>	<u>19900821</u>	<u>JP 1989-31838</u>	<u>19890210</u>

Patent Number (1)
JP 02210453
Kind Code (1)
A
Patent Publication Date (1)
19900821
Application Number (1)
JP 1989-31838
Application Date (1)
19890210
Priority Patent Number (1)
JP 1989-31835
Priority Kind Code (1)
A
Priority Patent Publication Date (1)
19890210

L9 ANSWER 39 OF 53 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Electrophotographic photoreceptors using vinylaniline derivative as carrier-transporting agent

Author/Inventor

Suzuki, Shinichi; Sasaki, Osamu; Hayata, Hirofumi

Patent Assignee/Corporate Source

Konica Co., Japan

Source

Jpn. Kokai Tokkyo Koho, 11 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
<u>JP 02154268</u>	<u>A</u>	<u>19900613</u>	<u>JP 1988-310342</u>	<u>19881207</u>

Patent Number (1)
JP 02154268
Kind Code (1)
A
Patent Publication Date (1)
19900613
Application Number (1)
JP 1988-310342
Application Date (1)
19881207
Priority Patent Number (1)
JP 1988-310342
Priority Patent Publication Date (1)
19881207

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L9 ANSWER 1 OF 53 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Blue organic electroluminescent material and preparation method

Author/Inventor

Xiao, Fei; Xu, Jian

Patent Assignee/Corporate Source

Fudan University, Peop. Rep. China

Source

Faming Zhuanli Shenqing Gongkai Shuomingshu, 9 pp. CODEN: CNXXEV

Document Type

Patent

Language

Chinese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 1488707	A	20040414	CN 2003-142235	20030813

Patent Number (1)

CN 1488707

Kind Code (1)

A

Patent Publication Date (1)

20040414

Application Number (1)

CN 2003-142235

Application Date (1)

20030813

Priority Patent Number (1)

CN 2003-142235

Priority Patent Publication Date (1)

20030813

L9 ANSWER 2 OF 53 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Organic electroluminescent devices with high efficiency and durability and materials and carbazole-containing polysiloxanes therefor

Author/Inventor

Watanabe, Saisuke

Patent Assignee/Corporate Source

Fuji Photo Film Co., Ltd., Japan

Source

Jpn. Kokai Tokkyo Koho, 31 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2004303636	A	20041028	JP 2003-96951	20030331

Patent Number (1)

JP 2004303636

Kind Code (1)

A

Patent Publication Date (1)

20041028

Application Number (1)

JP 2003-96951

Application Date (1)

20030331

Priority Patent Number (1)

JP 2003-96951

Priority Patent Publication Date (1)

20030331

L9 ANSWER 3 OF 53 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Polymerizable composition and lithographic original plate using it

Author/Inventor

Shimada, Kazuto

Patent Assignee/Corporate Source

Fuji Photo Film Co., Ltd., Japan

Source

Jpn. Kokai Tokkyo Koho, 73 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2004301915	A	20041028	JP 2003-91916	20030328

Patent Number (1)
JP 2004301915
Kind Code (1)
A
Patent Publication Date (1)
20041028
Application Number (1)
JP 2003-91916
Application Date (1)
20030328
Priority Patent Number (1)
JP 2003-91916
Priority Patent Publication Date (1)
20030328

L9 ANSWER 4 OF 53 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Organic electroluminescent materials and high-luminance electroluminescent devices therewith

Author/Inventor

Narihiro, Harunori; Tamano, Michiko; Kurata, Ryuichiro

Patent Assignee/Corporate Source

Toyo Ink Mfg. Co., Ltd., Japan

Source

Jpn. Kokai Tokkyo Koho, 16 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2004269696	A	20040930	JP 2003-62618	20030310

Patent Number (1)
JP 2004269696
Kind Code (1)
A
Patent Publication Date (1)
20040930
Application Number (1)
JP 2003-62618
Application Date (1)
20030310
Priority Patent Number (1)
JP 2003-62618
Priority Patent Publication Date (1)
20030310

L9 ANSWER 5 OF 53 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Tertiary aromatic amines and their organic electroluminescent devices showing long service life

Author/Inventor

Totani, Yoshiyuki; Shimamura, Takehiko; Tanabe, Yoshimitsu; Tsukada, Hidetaka

Patent Assignee/Corporate Source

Mitsui Chemicals Inc., Japan

Source

Jpn. Kokai Tokkyo Koho, 47 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2004203765	A	20040722	JP 2002-373354	20021225

Patent Number (1)
JP 2004203765
Kind Code (1)
A

Patent Publication Date (1)
20040722
Application Number (1)
JP 2002-373354
Application Date (1)
20021225
Priority Patent Number (1)
JP 2002-373354
Priority Patent Publication Date (1)
20021225

L9 ANSWER 6 OF 53 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Aromatic diamines and their organic electroluminescent devices showing good durability

Author/Inventor

Totani, Yoshiyuki; Shimamura, Takehiko; Tanabe, Yoshimitsu; Tsukada, Hidetaka

Patent Assignee/Corporate Source

Mitsui Chemicals Inc., Japan

Source

Jpn. Kokai Tokkyo Koho, 69 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2004196716	A	20040715	JP 2002-367559	20021219

Patent Number (1)
JP 2004196716

Kind Code (1)
A

Patent Publication Date (1)
20040715

Application Number (1)
JP 2002-367559

Application Date (1)
20021219

Priority Patent Number (1)
JP 2002-367559

Priority Patent Publication Date (1)
20021219

L9 ANSWER 7 OF 53 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Organic electroluminescent device for displays and illumination source and its production method

Author/Inventor

Kita, Hiroshi; Yamada, Taketoshi; Suzurizato, Yoshiyuki; Ueda, Noriko

Patent Assignee/Corporate Source

Konica Minolta Holdings Inc., Japan

Source

Jpn. Kokai Tokkyo Koho, 65 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2004185967	A	20040702	JP 2002-351157	20021203

Patent Number (1)
JP 2004185967

Kind Code (1)
A

Patent Publication Date (1)
20040702

Application Number (1)
JP 2002-351157

Application Date (1)
20021203

Priority Patent Number (1)
JP 2002-351157

Priority Patent Publication Date (1)
20021203

L9 ANSWER 8 OF 53 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Organic electroluminescent element, display and illuminator

Author/Inventor

Oshiyama, Tomohiro; Kinoshita, Motoi; Yamada, Taketoshi; Kita, Hiroshi; Fukuda, Mitsuhiro; Suzuri, Yoshiyuki; Ueda, Noriko

Patent Assignee/Corporate Source

Konica Minolta Holdings Inc., Japan

Source

Eur. Pat. Appl., 162 pp. CODEN: EPXXDW

Document Type

Patent

Language

English

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1424381	A2	20040602	EP 2003-26685	20031120

Patent Number (1)

EP 1424381

Kind Code (1)

A2

Patent Publication Date (1)

20040602

Application Number (1)

EP 2003-26685

Application Date (1)

20031120

Priority Patent Number (1)

JP 2002-342193

Priority Kind Code (1)

A

Priority Patent Publication Date (1)

20021126

L9 ANSWER 9 OF 53 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Polymerization compositions and negative-working presensitized lithog. printing plates using them for direct digital platemaking by IR laser exposure

Author/Inventor

Shimada, Kazuto; Toyama, Yoshiaki

Patent Assignee/Corporate Source

Fuji Photo Film Co., Ltd., Japan

Source

Jpn. Kokai Tokkyo Koho, 54 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2004077659	A	20040311	JP 2002-235862	20020813

Patent Number (1)

JP 2004077659

Kind Code (1)

A

Patent Publication Date (1)

20040311

Application Number (1)

JP 2002-235862

Application Date (1)

20020813

Priority Patent Number (1)

JP 2002-235862

Priority Patent Publication Date (1)

20020813

L9 ANSWER 10 OF 53 CAPLUS COPYRIGHT 2008 ACS on STN

Title
Organic electroluminescent elements with improved brightness and durability and displays using them
Author/Inventor
Yamada, Taketoshi; Kita, Hiroshi
Patent Assignee/Corporate Source
Konica Minolta Holdings Inc., Japan
Source
Jpn. Kokai Tokkyo Koho, 31 pp. CODEN: JKXXAF
Document Type
Patent
Language
Japanese
Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2004047329	A	20040212	JP 2002-204254	20020712

Patent Number (1)
JP 2004047329
Kind Code (1)
A
Patent Publication Date (1)
20040212
Application Number (1)
JP 2002-204254
Application Date (1)
20020712
Priority Patent Number (1)
JP 2002-204254
Priority Patent Publication Date (1)
20020712

L9 ANSWER 11 OF 53 CAPLUS COPYRIGHT 2008 ACS on STN

Title
Carbazole compounds, their polymers, and light-emitting elements using them with excellent blue light emission
Author/Inventor
Watanabe, Saisuke; Okada, Hisashi
Patent Assignee/Corporate Source
Fuji Photo Film Co., Ltd., Japan
Source
Jpn. Kokai Tokkyo Koho, 27 pp. CODEN: JKXXAF
Document Type
Patent
Language
Japanese
Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2004018787	A	20040122	JP 2002-179094	20020619

Patent Number (1)
JP 2004018787
Kind Code (1)
A
Patent Publication Date (1)
20040122
Application Number (1)
JP 2002-179094
Application Date (1)
20020619
Priority Patent Number (1)
JP 2002-179094
Priority Patent Publication Date (1)
20020619

L9 ANSWER 12 OF 53 CAPLUS COPYRIGHT 2008 ACS on STN

Title
Phosphors and production process, luminescent composites, organic electroluminescent devices and production method
Author/Inventor
Sakakibara, Mitsuhiro; Yasuda, Hiroyuki; Eriyama, Yuichi
Patent Assignee/Corporate Source
Jsr Corporation, Japan
Source
PCT Int. Appl., 36 pp. CODEN: PIXXD2

Document Type
Patent
Language
Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004003105	A1	20040108	WO 2003-JP8109	20030626

Patent Number (1)
WO 2004003105
Kind Code (1)
A1
Patent Publication Date (1)
20040108
Application Number (1)
WO 2003-JP8109
Application Date (1)
20030626
Priority Patent Number (1)
JP 2002-187719
Priority Kind Code (1)
A
Priority Patent Publication Date (1)
20020627

L9 ANSWER 13 OF 53 CAPLUS COPYRIGHT 2008 ACS on STN

Title
Electroluminescent devices with carbazole derivative-containing layers

Author/Inventor
Hu, Nan-Xing; Aziz, Hany; Popovic, Zoran D.; Hor, Ah-Mee
Patent Assignee/Corporate Source
Xerox Corporation, USA

Source
U.S., 24 pp. CODEN: USXXAM

Document Type
Patent
Language
English

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6670054	B1	20031230	US 2002-205632	20020725

Patent Number (1)
US 6670054
Kind Code (1)
B1
Patent Publication Date (1)
20031230
Application Number (1)
US 2002-205632
Application Date (1)
20020725
Priority Patent Number (1)
US 2002-205632
Priority Patent Publication Date (1)
20020725

L9 ANSWER 14 OF 53 CAPLUS COPYRIGHT 2008 ACS on STN

Title
Organic electroluminescent devices/displays and dendritic complex compounds therefor

Author/Inventor
Tokito, Seiji; Tsuzuki, Toshimitsu; Shirasawa, Nobuhiko; Suzuki, Toshiyasu
Patent Assignee/Corporate Source
Japan Broadcasting Corp., Japan

Source
Jpn. Kokai Tokkyo Koho, 16 pp. CODEN: JKXXAF

Document Type
Patent
Language
Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2003231692	A	20030819	JP 2002-351662	20021203

Patent Number (1)
JP 2003231692
Kind Code (1)
A
Patent Publication Date (1)
20030819
Application Number (1)
JP 2002-351662
Application Date (1)
20021203
Priority Patent Number (1)
JP 2001-370628
Priority Kind Code (1)
A
Priority Patent Publication Date (1)
20011204

L9 ANSWER 15 OF 53 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Cyano-substituted diamine derivative electroluminescent material and electroluminescent device

Author/Inventor

Tamano, Michiko; Yauchi, Hiroyuki

Patent Assignee/Corporate Source

Toyo Ink Mfg. Co., Ltd., Japan

Source

Jpn. Kokai Tokkyo Koho, 26 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2003068462	A	20030307	JP 2001-190767	20010625

Patent Number (1)
JP 2003068462
Kind Code (1)
A
Patent Publication Date (1)
20030307
Application Number (1)
JP 2001-190767
Application Date (1)
20010625
Priority Patent Number (1)
JP 2001-174997
Priority Kind Code (1)
A
Priority Patent Publication Date (1)
20010611

L9 ANSWER 16 OF 53 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Electroluminescent styryl compounds and yellow-to-red-emitting electroluminescent devices therefrom

Author/Inventor

Tamano, Michiko; Yauchi, Hiroyuki

Patent Assignee/Corporate Source

Toyo Ink Mfg. Co., Ltd., Japan

Source

Jpn. Kokai Tokkyo Koho, 25 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2003020477	A	20030124	JP 2001-207189	20010709

Patent Number (1)
JP 2003020477
Kind Code (1)
A
Patent Publication Date (1)
20030124
Application Number (1)
JP 2001-207189
Application Date (1)
20010709
Priority Patent Number (1)
JP 2001-207189
Priority Patent Publication Date (1)
20010709

L9 ANSWER 17 OF 53 CAPLUS COPYRIGHT 2008 ACS on STN
Title

Organic electroluminescent device
Author/Inventor
Sakakibara, Mitsuhiko
Patent Assignee/Corporate Source
JSR Ltd., Japan; Futaba Denshi Kogyo Co., Ltd.; Kokusai Kiban Zairyo Kenkyusho K. K.
Source
Jpn. Kokai Tokkyo Koho, 14 pp. CODEN: JKXXAF
Document Type
Patent
Language
Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002124390	A	20020426	JP 2000-314941	20001016

Patent Number (1)
JP 2002124390
Kind Code (1)
A
Patent Publication Date (1)
20020426
Application Number (1)
JP 2000-314941
Application Date (1)
20001016
Priority Patent Number (1)
JP 2000-314941
Priority Patent Publication Date (1)
20001016

L9 ANSWER 18 OF 53 CAPLUS COPYRIGHT 2008 ACS on STN
Title

Manufacture of N-(vinylphenyl)carbazoles
Author/Inventor
Araki, Katsumi; Qiu, Xue Peng
Patent Assignee/Corporate Source
Fuji Photo Film Co., Ltd., Japan
Source
Jpn. Kokai Tokkyo Koho, 5 pp. CODEN: JKXXAF
Document Type
Patent
Language
Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002097181	A	20020402	JP 2000-285531	20000920

Patent Number (1)
JP 2002097181
Kind Code (1)
A
Patent Publication Date (1)
20020402
Application Number (1)
JP 2000-285531

Application Date (1)
20000920
Priority Patent Number (1)
JP 2000-285531
Priority Patent Publication Date (1)
20000920

L9 ANSWER 19 OF 53 CAPLUS COPYRIGHT 2008 ACS on STN
Title

Low molecular chromophore compounds and electroluminescence display device comprising the same
Author/Inventor
Park, Jong-Wook
Patent Assignee/Corporate Source
Vistorm Co., Ltd., S. Korea
Source
PCT Int. Appl., 48 pp. CODEN: PIXXD2
Document Type
Patent
Language
English
Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002020694	A1	20020314	WO 2001-KR1485	20010831

Patent Number (1)
WO 2002020694
Kind Code (1)
A1
Patent Publication Date (1)
20020314
Application Number (1)
WO 2001-KR1485
Application Date (1)
20010831
Priority Patent Number (1)
KR 2000-52756
Priority Kind Code (1)
A
Priority Patent Publication Date (1)
20000906

=>

Connecting via Winsock to STN

Welcome to STN International! Enter x:X

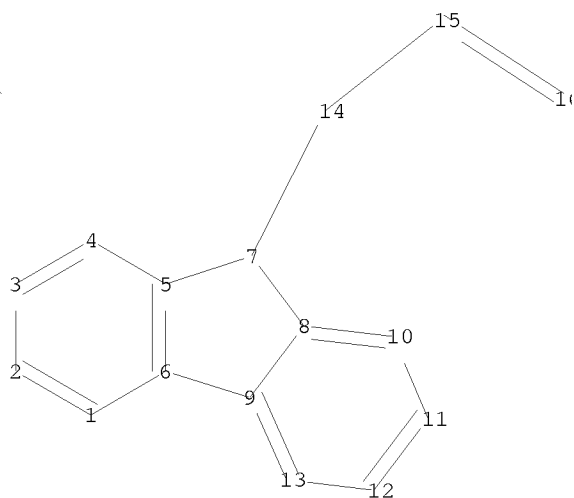
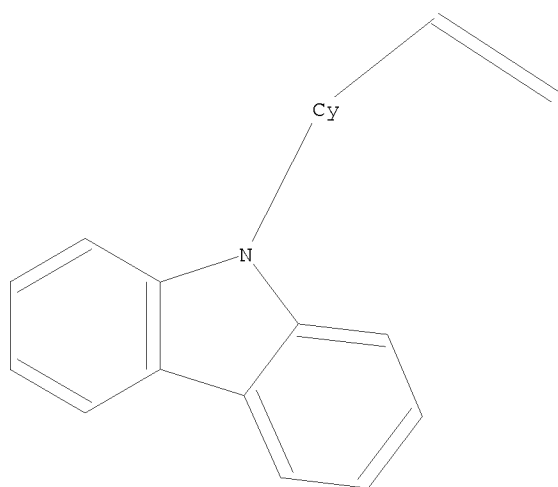
LOGINID:SSPTAMEN1774

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

=>



chain nodes :

14 15 16

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13

chain bonds :

7-14 14-15 15-16

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 8-10 9-13 10-11 11-12 12-13

exact/norm bonds :

5-7 6-9 7-8 7-14 14-15

exact bonds :

15-16

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 8-9 8-10 9-13 10-11 11-12 12-13

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom 12:Atom 13:Atom 14:Atom
15:CLASS 16:CLASS

L1 STRUCTURE UPLOADED

=> d l1

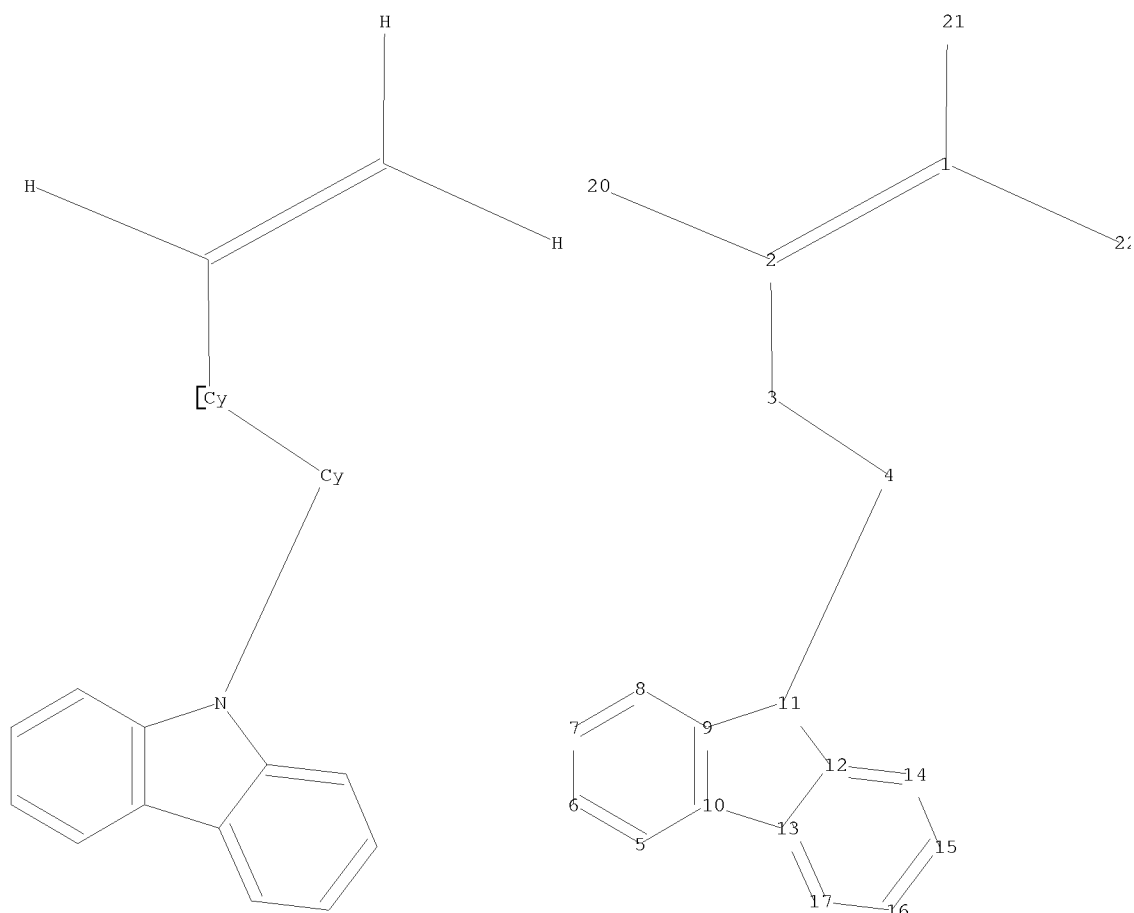
L1 HAS NO ANSWERS

L1 STR

/ Structure 1 in file .gra /

Structure attributes must be viewed using STN Express query preparation.

=>



chain nodes :

1 2 3 4 20 21 22

ring nodes :

5 6 7 8 9 10 11 12 13 14 15 16 17

chain bonds :

1-2 1-21 1-22 2-3 2-20 3-4 4-11

ring bonds :

5-6 5-10 6-7 7-8 8-9 9-10 9-11 10-13 11-12 12-13 12-14 13-17 14-15 15-16 16-17

exact/norm bonds :

2-3 3-4 4-11 9-11 10-13 11-12

exact bonds :

1-2 1-21 1-22 2-20

normalized bonds :

5-6 5-10 6-7 7-8 8-9 9-10 12-13 12-14 13-17 14-15 15-16 16-17

Match level :

1:CLASS 2:CLASS 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 20:CLASS 21:CLASS 22:CLASS

L2 STRUCTURE UPLOADED

=> s l2 sss sam
SAMPLE SEARCH INITIATED 15:45:18 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 4920 TO ITERATE

40.7% PROCESSED 2000 ITERATIONS 0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 94194 TO 102606
PROJECTED ANSWERS: 0 TO 0

L3 0 SEA SSS SAM L2

=> s l2 sss full
FULL SEARCH INITIATED 15:45:23 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 98916 TO ITERATE

100.0% PROCESSED 98916 ITERATIONS 62 ANSWERS
SEARCH TIME: 00.00.01

L4 62 SEA SSS FUL L2

=> s l4
L5 58 L4

=> s l5 and py<=2004
25089556 PY<=2004
L6 12 L5 AND PY<=2004

=> d l6 1-12 ibib hitstr

L6 ANSWER 1 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Organic electroluminescent (EL) devices with high brightness and displays and illumination assembled with the same

Author/Inventor

Kita, Hiroshi; Usui, Hiroaki

Patent Assignee/Corporate Source

Konica Minolta Holdings, Inc., Japan

Source

Jpn. Kokai Tokkyo Koho, 46 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2004349224	A	20041209	JP 2003-176196	20030620

Patent Number (1)

JP 2004349224

Kind Code (1)

A

Patent Publication Date (1)

20041209

Application Number (1)

JP 2003-176196

Application Date (1)

20030620

Priority Patent Number (1)

JP 2003-79522

Priority Kind Code (1)

A

Priority Patent Publication Date (1)

20030324

L6 ANSWER 2 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

Title
Organic electroluminescent device showing improved luminous efficiency and its use for display panel
Author/Inventor
Kido, Junji; Suzuki, Satoshi; Ito, Kiyoshi
Patent Assignee/Corporate Source
Dainippon Printing Co., Ltd., Japan
Source
Jpn. Kokai Tokkyo Koho, 18 pp. CODEN: JKXXAF
Document Type
Patent
Language
Japanese
Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2004220986	A	20040805	JP 2003-8874	20030116

Patent Number (1)
JP 2004220986
Kind Code (1)
A
Patent Publication Date (1)
20040805
Application Number (1)
JP 2003-8874
Application Date (1)
20030116
Priority Patent Number (1)
JP 2003-8873
Priority Kind Code (1)
A
Priority Patent Publication Date (1)
20030116

L6 ANSWER 3 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

Title
Charge-transporting materials for organic electronic devices
Author/Inventor
Kido, Junji; Suzuki, Satoshi; Ito, Kiyoshi
Patent Assignee/Corporate Source
Dainippon Printing Co., Ltd., Japan
Source
Jpn. Kokai Tokkyo Koho, 17 pp. CODEN: JKXXAF
Document Type
Patent
Language
Japanese
Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2004217837	A	20040805	JP 2003-8873	20030116

Patent Number (1)
JP 2004217837
Kind Code (1)
A
Patent Publication Date (1)
20040805
Application Number (1)
JP 2003-8873
Application Date (1)
20030116
Priority Patent Number (1)
JP 2003-8873
Priority Kind Code (1)
A
Priority Patent Publication Date (1)
20030116

L6 ANSWER 4 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

Title
Organic electroluminescent device for displays and illumination source and its production method
Author/Inventor
Kita, Hiroshi; Yamada, Taketoshi; Suzurizato, Yoshiyuki; Ueda, Noriko

Patent Assignee/Corporate Source
Konica Minolta Holdings Inc., Japan
Source
Jpn. Kokai Tokkyo Koho, 65 pp. CODEN: JKXXAF
Document Type
Patent
Language
Japanese

Patent Information				
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2004185967	A	20040702	JP 2002-351157	20021203

Patent Number (1)
JP 2004185967
Kind Code (1)
A
Patent Publication Date (1)
20040702
Application Number (1)
JP 2002-351157
Application Date (1)
20021203
Priority Patent Number (1)
JP 2002-351157
Priority Patent Publication Date (1)
20021203

L6 ANSWER 5 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

Title
Carbazole compounds, their polymers, and light-emitting elements using them with excellent blue light emission
Author/Inventor
Watanabe, Saisuke; Okada, Hisashi
Patent Assignee/Corporate Source
Fuji Photo Film Co., Ltd., Japan
Source
Jpn. Kokai Tokkyo Koho, 27 pp. CODEN: JKXXAF
Document Type
Patent
Language
Japanese

Patent Information				
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2004018787	A	20040122	JP 2002-179094	20020619

Patent Number (1)
JP 2004018787
Kind Code (1)
A
Patent Publication Date (1)
20040122
Application Number (1)
JP 2002-179094
Application Date (1)
20020619
Priority Patent Number (1)
JP 2002-179094
Priority Patent Publication Date (1)
20020619

L6 ANSWER 6 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

Title
Phosphorescent compositions and organic light emitting devices containing them
Author/Inventor
Andrews, Mark David; Look, Kai; Mosley, Alan; Steudel, Annette Regine; Male, Nigel; Maxted, Neil
Patent Assignee/Corporate Source
CDT Oxford Limited, UK
Source
PCT Int. Appl., 31 pp. CODEN: PIXXD2
Document Type
Patent
Language
English

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003074628	A1	20030912	WO 2003-GB857	20030303

Patent Number (1)

WO 2003074628

Kind Code (1)

A1

Patent Publication Date (1)

20030912

Application Number (1)

WO 2003-GB857

Application Date (1)

20030303

Priority Patent Number (1)

GB 2002-4989

Priority Kind Code (1)

A

Priority Patent Publication Date (1)

20020304

L6 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Novel polymer and its use in luminescent device

Author/Inventor

Taguchi, Toshiki

Patent Assignee/Corporate Source

Fuji Photo Film Co., Ltd., Japan

Source

Jpn. Kokai Tokkyo Koho, 17 pp. CODEN: JKXXAF

Document Type

Patent

Language

Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2002302516	A	20021018	JP 2001-104580	20010403

Patent Number (1)

JP 2002302516

Kind Code (1)

A

Patent Publication Date (1)

20021018

Application Number (1)

JP 2001-104580

Application Date (1)

20010403

Priority Patent Number (1)

JP 2001-104580

Priority Patent Publication Date (1)

20010403

L6 ANSWER 8 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Improved hole drift mobility in excimer-free polymers containing a dimeric carbazole unit

Author/Inventor

Sasakawa, Tomoyoshi; Ikeda, Tomiki; Tazuke, Shigeo

Patent Assignee/Corporate Source

Res. Lab. Resour. Util., Tokyo Inst. Technol., Yokohama, 227, Japan

Source

Macromolecules (1989), 22(11), 4253-9 CODEN: MAMOBX; ISSN: 0024-9297

Document Type

Journal

Language

English

L6 ANSWER 9 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

Title

Xerographic study of neat polymers containing trans-1,2-bis(9-carbazolyl)cyclobutane units

Author/Inventor

Tazuke, Shigeo; Inoue, Takashi; Kokado, Hiroshi
Patent Assignee/Corporate Source
Res. Lab. Resour. Util., Tokyo Inst. Technol., Yokohama, 227, Japan
Source
Polymer Photochemistry (1985), 6(5), 385-92 CODEN: POPHDO; ISSN: 0144-2880
Document Type
Journal
Language
English

L6 ANSWER 10 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

Title
Design, synthesis, and excited state interactions of photoresponsive polymers
Author/Inventor
Tazuke, Shigeo; Inoue, Takashi
Patent Assignee/Corporate Source
Res. Lab. Resour. Util., Tokyo Inst. Technol., Yokohama, Japan
Source
Proc. IUPAC, I. U. P. A. C., Macromol. Symp., 28th (1982), 234. Int. Union Pure Appl. Chem.: Oxford, UK. CODEN: 50DXAF
Document Type
Conference
Language
English

L6 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

Title
trans-1-(3-Vinyl-9-carbazolyl)-2-(9-carbazolyl)-cyclobutane and its photoconductive polymers
Patent Assignee/Corporate Source
Tafu, Shigeo, Japan; Permachem Asia, Ltd.
Source
Jpn. Kokai Tokkyo Koho, 5 pp. CODEN: JKXXAF
Document Type
Patent
Language
Japanese

Patent Information

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 57179159	A	19821104	JP 1981-62536	19810427

Patent Number (1)
JP 57179159
Kind Code (1)
A
Patent Publication Date (1)
19821104
Application Number (1)
JP 1981-62536
Application Date (1)
19810427
Priority Patent Number (1)
JP 1981-62536
Priority Patent Publication Date (1)
19810427

L6 ANSWER 12 OF 12 CAPLUS COPYRIGHT 2008 ACS on STN

Title
Poly[trans-1-(3-vinyl-9-carbazolyl)-2-(9-carbazolyl)cyclobutane]. Synthesis and comparison with poly(9-ethyl-3-vinylcarbazole)
Author/Inventor
Inoue, Takashi; Tazuke, Shigeo
Patent Assignee/Corporate Source
Res. Lab. Resour. Util., Tokyo Inst. Technol., Yokohama, 227, Japan
Source
Journal of Polymer Science, Polymer Chemistry Edition (1981), 19(11), 2861-8 CODEN: JPLCAT; ISSN: 0360-6376
Document Type
Journal
Language
English

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